

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P738300

Luminaire Tested: **22PT-60-PP3-L935**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738300  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P412714)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PP3-L935  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

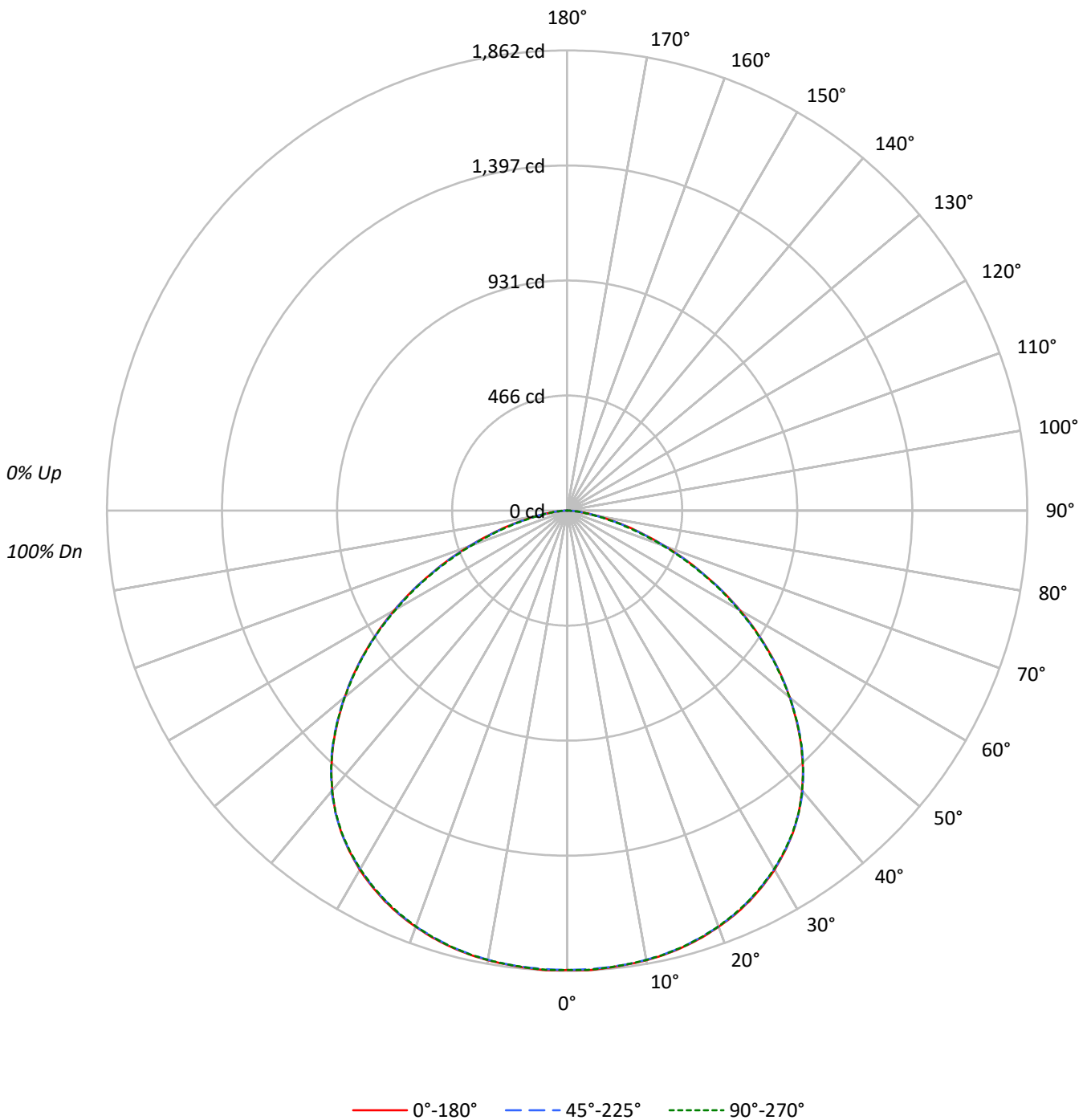
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5334.0 lumens  
Efficiency: N/A  
Efficacy: 103.0 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.33 / 1.43  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 51.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	70	62	56	68	61	55	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	5447	5447	5447
5°	5465	5457	5461
10°	5498	5491	5494
15°	5542	5536	5536
20°	5590	5584	5582
25°	5640	5629	5629
30°	5679	5668	5666
35°	5695	5695	5688
40°	5658	5670	5658
45°	5546	5561	5553
50°	5360	5367	5353
55°	5102	5090	5080
60°	4737	4726	4689
65°	4231	4227	4179
70°	3617	3595	3515
75°	2881	2796	2711
80°	2054	2013	1907
85°	1335	1335	1294



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	176.8	3.3
10°-20°	515.7	9.7
20°-30°	803.0	15.1
30°-40°	993.9	18.6
40°-50°	1030.6	19.3
50°-60°	888.3	16.7
60°-70°	603.9	11.3
70°-80°	270.3	5.1
80°-90°	51.5	1.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1495.6	28.0
0°-40°	2489.4	46.7
0°-60°	4408.3	82.6
0°-90°	5334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5334.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1859	1859	1859	1859	1859	
5°	1858	1854	1855	1855	1857	177
15°	1827	1824	1825	1824	1825	516
25°	1744	1742	1741	1740	1741	804
35°	1592	1590	1592	1590	1590	995
45°	1338	1337	1342	1339	1340	1030
55°	999	995	996	994	994	891
65°	610	615	610	608	603	606
75°	254	255	247	246	240	274
85°	40	41	40	38	38	52
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1859.1	1859.1	1859.1	1859.1	1859.1
2.5°	1861.7	1857.9	1857.9	1858.6	1860.5
5°	1857.9	1854.2	1855.4	1854.7	1856.6
7.5°	1853.0	1849.9	1851.8	1850.4	1851.8
10°	1847.9	1844.8	1845.5	1844.8	1846.7
12.5°	1839.2	1835.6	1836.8	1836.8	1837.5
15°	1826.9	1823.7	1825.0	1823.7	1825.0
17.5°	1811.9	1808.2	1808.9	1808.2	1809.5
20°	1792.8	1790.3	1790.8	1789.6	1790.3
22.5°	1771.0	1767.9	1768.6	1767.3	1767.3
25°	1744.4	1741.7	1741.2	1740.5	1741.2
27.5°	1713.2	1710.2	1710.2	1709.5	1709.5
30°	1678.6	1675.4	1675.4	1674.7	1674.7
32.5°	1637.5	1636.2	1636.9	1635.7	1635.0
35°	1592.2	1590.3	1592.2	1589.8	1590.3
37.5°	1539.5	1537.0	1540.7	1538.2	1538.8
40°	1479.2	1478.0	1482.4	1480.4	1479.2
42.5°	1412.2	1412.2	1414.1	1414.6	1413.4
45°	1338.4	1337.2	1342.0	1338.9	1340.1
47.5°	1258.8	1257.1	1260.7	1260.0	1259.5
50°	1175.8	1174.4	1177.5	1174.4	1174.4
52.5°	1089.4	1088.7	1089.4	1086.3	1085.6
55°	998.7	995.1	996.3	994.4	994.4
57.5°	904.4	900.0	900.7	900.0	900.7
60°	808.3	806.9	806.4	803.2	800.1
62.5°	709.6	710.8	710.1	705.8	702.6
65°	610.2	615.2	609.7	607.7	602.7
67.5°	516.5	518.3	514.6	510.3	504.7
70°	422.2	425.8	419.6	415.2	410.3
72.5°	332.2	334.6	329.0	326.6	320.3
75°	254.5	255.2	247.0	245.8	239.5
77.5°	181.2	183.7	177.6	177.6	171.3
80°	121.7	126.0	119.3	117.3	113.0
82.5°	76.4	76.9	75.0	73.3	71.4
85°	39.7	40.9	39.7	38.5	38.5
87.5°	15.0	15.5	15.0	14.3	15.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)